



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



Site Name: Charlotte Mine - NM0143

CERCLIS ID#: N/A

Alias Site Name: Section 33, Farris

Address: Latitude 35 degrees 18'24.55" Longitude 107 degrees 47'46.11"

City/County or Parish/State/Zip: McKinley County, New Mexico

Report Type: AUM SA Report

Date: 05/28/10

Author: NMEMNRD

**RECOMMENDATION:**

<input type="checkbox"/> 1. No Further Remedial Action Planned Under Superfund (NFRAP)	<input type="checkbox"/> 2. Further Investigation Needed Under Superfund <table border="0"><tr><td><input type="checkbox"/> PA</td><td><input type="checkbox"/> HRS</td><td>Priority: <input type="checkbox"/> High</td></tr><tr><td><input type="checkbox"/> SI</td><td><input type="checkbox"/> RI/FS</td><td><input type="checkbox"/> Low</td></tr><tr><td><input type="checkbox"/> ESI</td><td><input type="checkbox"/> RA</td><td></td></tr><tr><td><input type="checkbox"/> Other: _____</td><td></td><td></td></tr></table> To be performed by: _____	<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High	<input type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low	<input type="checkbox"/> ESI	<input type="checkbox"/> RA		<input type="checkbox"/> Other: _____		
<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High											
<input type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low											
<input type="checkbox"/> ESI	<input type="checkbox"/> RA												
<input type="checkbox"/> Other: _____													
<input type="checkbox"/> 3. Action Deferred to: <input type="checkbox"/> RCRA <input type="checkbox"/> NRC <input type="checkbox"/> BLM													
<input checked="" type="checkbox"/> 4. Site Being Addressed Under the State Voluntary Cleanup Program (VCP): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No													

**NOTIFY AUTHORITY:**

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State/Tribe	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee: _____
<input type="checkbox"/> CERCLA	<input type="checkbox"/> Federal	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other: _____
Enforcement	Facility			
SEND SSSR COPIES TO: <input type="checkbox"/> 6SF-AC <input type="checkbox"/> 6WQ-SP <input type="checkbox"/> ATSDR <input checked="" type="checkbox"/> State Agency <input type="checkbox"/> Tribal Agency				

**DISCUSSION:**

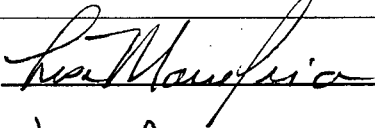
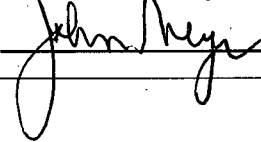
The New Mexico Energy Minerals and Natural Resources Department, Mine and Minerals Division (MMD) conducted a site assessment on April 6, 2010 at the Charlotte Mine site. The mine operated as a dry mine. MMD observed one open cut and one pile of overburden or waste rock. A maximum gamma radiation reading was measured at 100 uR/hr. No shafts, adit or declines were noted. The mine site surface runoff discharges to the San Mateo Creek. There are no structures or wells within one mile of the mine site. The land surface and mineral estate are privately held.

In October 2011, EPA conducted an aerial radiological survey in the Poison Canyon area of the Ambrosia Lake sub-district by using the Airborne Spectral Photometric Environmental Collection Technology (ASPECT). The Charlotte Mine was included in the ASPECT survey. The gamma radiation readings at the Charlotte Mine site were not statistically greater than background readings in the area.

EPA recommends that the Christmas Day Mine should be considered a low priority under CERCLA due to low gamma radiation readings and based on a review of existing information.



**APPROVALS:**

<b>Report Reviewed by:</b>	<u>Lisa Marie Price</u> (Site Assessment Manager)	<b>Signature:</b>	<u></u>	<b>Date:</b>	<u>1/24/12</u>
<b>Disposition Approved by:</b>	<u>John Meyer</u> (Section Chief 6SF-TR)	<b>Signature:</b>	<u></u>	<b>Date:</b>	<u>1/25/12</u>